

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Khan et al.

Patent No.: 6,844,315 B2

Issued: January 18, 2005

For: IMMUNOREGULATOR

Attorney Docket No.: 2183-4799US

VIA ELECTRONIC FILING

November 3, 2008

**REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT
OFFICE MISTAKES (37 C.F.R. § 1.322)**

Attn.: Certificate of Corrections Branch
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Sir:

It is noted that several errors appear in this patent of a typographical nature. These errors are due to mistakes in printing on the part of the U.S. Patent and Trademark Office, and occurred through no fault of the Applicants. A certificate of correction in the form attached hereto is requested.

Please send the Certificate to:

Name: Allen C. Turner
Address: TraskBritt
P.O. Box 2550
Salt Lake City, Utah 84110

Attached hereto is Form PTO/SB/44, which is suitable for printing.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Allen C. Turner', with a long, sweeping horizontal line extending to the right.

Allen C. Turner

Registration No. 33,041

Attorney for Applicants

TRASKBRITT

P.O. Box 2550

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Date: October 30, 2008

ACT/df/ab

Attachments: PTO/SB/44

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6,844,315 B2
APPLICATION NO. : 09/821,380
ISSUE DATE : January 18, 2005
INVENTOR(S) : Nisar Ahmed Khan and Robbert Benner

Page 1 of 6

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the title page:

In ITEM (56) References Cited

below "U.S. PATENT DOCUMENTS" add
--4,977,244 12/1990 Muchmore et al.--
--5,361,992 B1 3/2002 Szkudlinski et al.--
--5,677,275 10/1997 Lunardi-Iskandar et al.--
--5,851,997 12/1998 Harris--
--5,854,004 12/1998 Czernilofsky et al.--
--5,877,148 3/1999 Lunardi-Iskandar et al.--
--5,968,513 10/1999 Gallo et al.--
--5,997,871 12/1999 Gallo et al.--
--6,489,296 12/2002 Grinnell et al.--
--6,583,109 B1 6/2003 Gallo et al.--
--6,596,688 B1 7/2003 Gallo et al.--
--6,620,416 B1 9/2003 Gallo et al.--
--2002/0041871 4/2002 Brudnak--
--2002/0064501 A1 5/2002 Khan et al.--
--2003/0049273 A1 3/2003 Gallo et al.--

below "FOREIGN PATENT DOCUMENTS" add
--DE 3715662 11/1987--
--WO 96/04008 2/1996--
--WO 97/49373 12/1997--
--WO 97/49418 12/1997--
--WO 97/49432 12/1997--
--WO 98/35691 8/1998--

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On the title page (continued):

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below "FOREIGN PATENT DOCUMENTS" add

--DE 19953339 5/2001--

--EP 1 138 692 A1 10/2001--

--WO 02/085117 0/2002--

--EP 1 300 418 4/2003--

below "OTHER PUBLICATIONS" add

--International Search Report, International Application
No. PCT/NL02/00639, mailed August 4, 2003 (8 pages).--

--Christman et al., Nuclear factor kappaB: a pivotal role
in the systemic inflammatory response syndrome and new
target for therapy, Intens Care Med, 1998, pp. 1131-38,
Vol. 24.--

--Jyonouchi et al., Proinflammatory and regulatory
cytokine production associated with innate and adaptive
immune responses in children with autism spectrum
disorders and developmental regression, J Neuroim., 2001
pp. 170-79, Vol. 120.--

--Kanungo et al., Advanced Maturation of Heteropneustes
Fossilis (Bloch) by Oral Administration of Human
Chorionic Gonadotropin, J. Adv. Zool., 1999, pp.1-5, Vol.
20.--

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On the title page (continued):
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below "OTHER PUBLICATIONS" add
--Patil, A., et al., "The Study of the Effect of Human Chorionic Gonadotrophic (HCG) Hormone on the Survival of Adrenal Medulla Transplant in Brain. Preliminary Study," 87 ACTA NEUROCHIR (WIEN) 76-78 (1987).--
--Rohrig et al., Growth-stimulating Influence of Human Chorionic Gonadotropin (hCG) on Plasmodium falciparum in vitro, Zentralblatt Bakt, 1999, pp. 88-89, Vol. 289.--
--Slater, Lewis M., et al. "Decreased Mortality of Murine Graft-Versus-Host Disease by Human Chorionic Gonadotropin," 23(1) TRANSPLANTATION 103-104 (January 1997).--
--Tak et al., NF-kappaB: a key role in inflammatory diseases, J Clin Invest., 2001, pp. 7-11, Vol. 107.--
--Tan et al., The role of activation of nuclear factor-kappa B of rat brain in the pathogenesis of experimental allergic encephalomyelitis, Acta Physiol Sinica, 2003, pp. 58-64, Vol. 55.--
--Tovey et al., Mucosal Cytokine Therapy: Marked Antiviral and Antitumor Activity, J. Interferon Cytokine Res. 1999, pp. 911-21, Vol. 19.--

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On the title page (continued):
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below "OTHER PUBLICATIONS" add
--Albini A., et al., "Old drugs as novel angiogenesis inhibitors: Preclinical studies with NAC, hCG, ECGG, and somatostatin," 17 CLINICAL & EXPERIMENTAL METASTASIS 739 (1999).--
--Blackwell, Timothy S., et al., "The Role of Nuclear factor-kB in Cytokine Gene Regulation," 17 AM. J. RESPIR. Cell MOL. BIOL. 3-9 (1997).--
--Keller, S., et al., "Human Chorionic Gonadotropin (hCG) Is a Potent Angiogenic Factor for Uterine Endothelial cells *in Vitro*," 20(5-6) PLACENTA, page A37 (July 1999).--
--Khan, Nisar A., et al., "Inhibition of Diabetes in NOD Mice by Human Pregnancy Factor," 62(12) HUMAN IMMUNOLOGY 1315-1323 (December 2001).--
--Khan, Nisar A., et al., "Inhibition of Septic Shock in Mice by an Oligopeptide From the β -chain of Human Chorionic Gonadotropin Hormone," 63(1) HUMAN IMMUNOLOGY 1-7 (January 2002).--

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On the title page (continued):
In ITEM (56) References Cited

below "OTHER PUBLICATIONS" add
--Muchmore et al., Immunoregulatory Properties of Fractions From Human Pregnancy Urine: Evidence that Human Chorionic Gonadotropin is not Responsible, The Journal of Immunology, March 1997, pp. 881-86, Vol. 118, No. 3.--
--Muchmore et al., Purification and Characterization of a Mannose-Containing Disaccharide Obtained From Human Pregnancy Urine, Journal of Experimental Medicine, December 1984, pp. 1672-85, Volume 160.--
--Wulczyn, F. Gregory, et al. "The NF-kB/Rel and Ikb gene families: mediators of immune responses and inflammation," 74(12) J. MOL. MED. 749-769 (1996).--
--Yamamoto, Y., et al., "Role of the NF-kB Pathway in the Pathogenesis of Human Disease States," 1(3) CURRENT MOLECULAR MEDICINE 287-296 (July 2001).--

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Page 6 of 6

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In the specification:

COLUMN 2, LINES 36,37 change "Sj ögrens syndrome" to --Sjögrens syndrome--
COLUMN 13, LINES 12,13 change "Sj ögrens syndrome" to --Sjögrens syndrome--
COLUMN 29, LINE 67, change "(in vivolin vitro)" to --(in vivo/in vitro)--
COLUMN 55, LINES 48,49 change "PCT/NL99/003131" to --PCT/NL99/00313--
COLUMN 60, LINE 37, change "PCT/NL99/003131" to --PCT/NL99/00313--
COLUMN 62, LINE 26, change "PCT/NL99/003131" to --PCT/NL99/00313--
COLUMN 62, LINE 36, change "PCT/NL99/003131" to --PCT/NL99/00313--

In the claims:

CLAIM 3, COLUMN 71, LINE 65, change "tide" to --peptide--

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